

Converting Colors

Hex(815A17)

Have a look what the booklet for
Hex(815A17) contains.

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Color

Hex(815A17)

Conversions

Conversions Part 1

Format	Color
Hex	815A17
RGB	129, 90, 23
RGB Percent	51%, 35%, 9%
CMY	0.4941, 0.6471, 0.9098
CMYK	0.00, 0.30, 0.82, 0.49
HSL	38°, 70%, 30%
HSV	38°, 82%, 51%
XYZ	12.8641, 12.0413, 2.4568
YIQ	94.0230, 44.7510, -12.5690

Conversions

Conversions Part 2

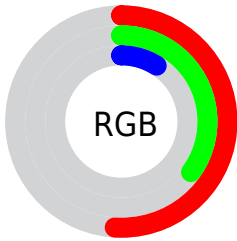
Format	Color
R_{YB}	85, 129, 23
Decimal	8477207
CIE Lab	41.28, 9.81, 42.25
CIE LCh	41, 43.370, 76.926
Yxy	12.0413, 0.4701, 0.4401
Android (android.graphics.Color)	4286667287 (0xFF815A17)
YUV	94.0230, -35.0143, 30.6748
Hunter-Lab	34.7006, 5.4468, 20.0927

Details

The Hex color **815A17** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **173E81**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B98C48**, and **4B2D00** is the 20% darker color. If you saturate the color by 10%, you get **81550A**, and if you desaturate by 10%, it is **815F24**.

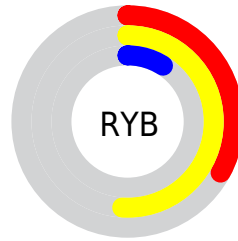
Distribution



Red (51%)

Green (35%)

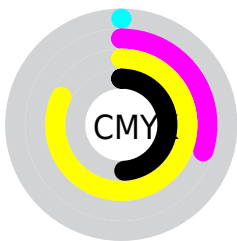
Blue (9%)



Red (33%)

Yellow (51%)

Blue (9%)

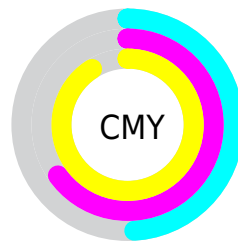


Cyan (0%)

Magenta (30%)

Yellow (82%)

Black (49%)



Cyan (49%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 815A17 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 815A17 by changing the saturation by 10% instead.

815A17

815A17

FFFFFF

664300

B98C48

4B2D00

D7A661

311800

F4C17B

190000

FFDD95

000000

FFFAB0

FFFACC

FFFEE9

815A17

815A17

■ 81550A

■ 815F24

■ 815200

■ 816331

■ 81683E

■ 816D4B

■ 817258

■ 817664

■ 817B71

■ 81807E

■ 81858B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



984C2E



815A17



616616

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



815A17



007275



7D4F92

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



815A17



173E81

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



445EA6



815A17



007095

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



815A17



007150



006AA7



9A4272

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



815A17



476B24



006AA7



6E549B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



815A17



A8997E



811740



544B3B



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



815A17



A86B02



758117



403D39



805100



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



173E81



023FA8



231781



393C40



002F80



000000

Previews

White Background



This preview shows how the Hex color 815A17 looks on a white background.

Color Contrast Check

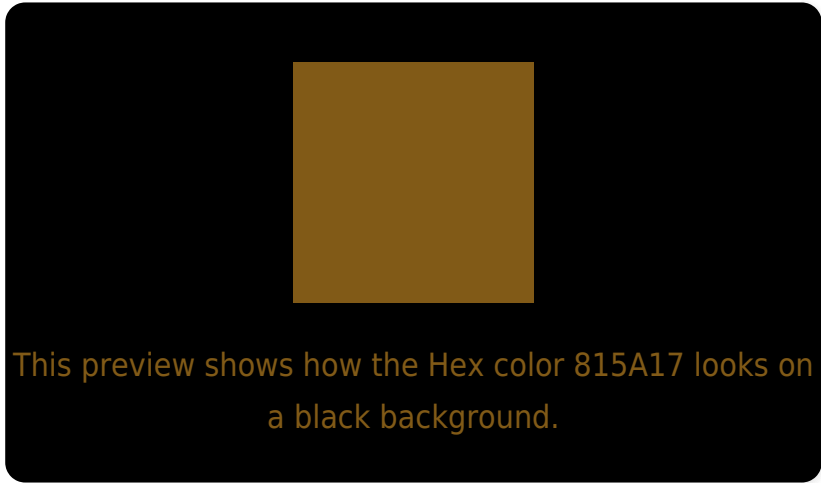
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

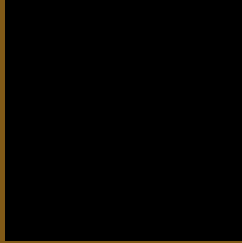
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 815A17 Background



This preview shows how black text looks on a background with the Hex color 815A17.



This preview shows how white text looks on a background with the Hex color 815A17.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
815A17

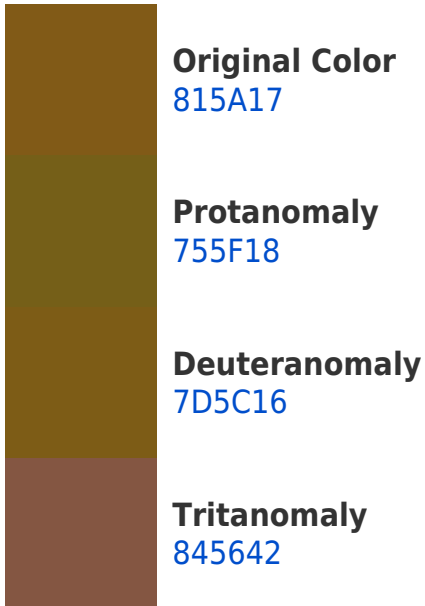
Protanopia
6E6219

Deuteranopia
7B5D16

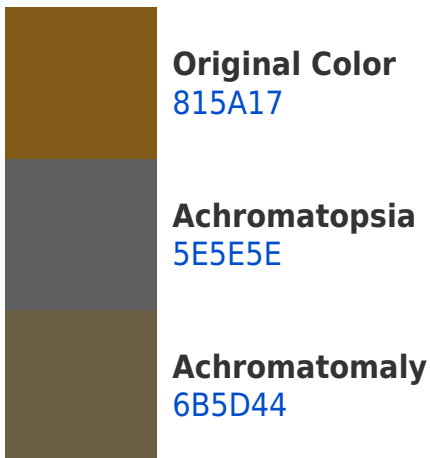


Tritanopia
85545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 815A17 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #815A17 looks like.

```
.text, #text, p{  
    color:#815A17  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #815A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815A17
}
```

Border

The CSS property to change the border of an element to Hex 815A17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

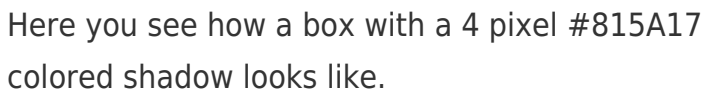
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815A17 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#815A17 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #815A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815A17; -webkit-box-shadow:4px 4px  
4px 4px #815A17; box-shadow:4px 4px 4px  
4px #815A17 }
```

Background

The CSS property to change the background color of an element to Hex 815A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815A17 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#815A17 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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